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| PROCEDURE: 2021 | DATABASE ADMINISTRATION | DATE: 11/02/81 |
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| TITLE: Database Glossary |
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| Purpose |
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To establish standard terminology for the use, documentation and discussion of Database software, standards and procedures, etc.

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| Definitions |
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CA  
Computer Associates International, Inc.

COMMIT Command  
is an IDMS DML programming command used to write a checkpoint to the IDMS journal file and to release database record locks. A checkpoint marks the beginning or end of specific database activities (beginning or end of a recovery unit).

Computer Associates International, Inc.  
is a software vendor.

Data Base Management System  
(DBMS) is a comprehensive software facility which manages the storage, maintenance and retrieval of data; our DBMS is IDMS.

Data File  
is stored data, whether or not on a computer system.

Data Set  
is a data file stored on a computer.

Data Structure Diagram/BACHMAN DIAGRAM  
A graphic representation of an IDMS schema or subschema.

DBAS  
is the Database Administration Subdivision of ITD.

DCS  
is the Data Communications Subdivision of ITD.

Dictionary/Directory Reporter (DDR)  
is a software product from CA which provides reports of the contents

of IDD.

DMCL change - The DMCL must be recompiled whenever an area is being added or deleted from the schema or an area page range changes. If an integrated index is added to a record, it uses a separate area thus requiring a DMCL change.

IDD Entity Occurrence

is an instance of an IDD Entity Type. Thus it is a group of descriptions in IDD that describe one thing.

IDD Entity Type

is a kind of thing that can be described using IDD.

IDD User

is a person or organization which stores IDD Entity Occurrences.

IDMS Tool Kit

modules specifically designed to manage, control, tune and monitor the IDMS environment. Example: IDMSDBAN, IDMS MIGRATOR, DME, ect.

IDMS User

is a person or organization which uses IDMS. In some contexts, this includes OLQ users and IDD users.

ITD User

is a person or organization which uses ITD equipment or services.

Migration - Moving new or updated tables, processes, work records, maps, dialogs, or applications from test to production. Applications migrated will be brought on-line off prime shift.

New system - An entire system being added to either test or production and consisting of schema areas, schema records, schema sets and subschemas. A design review must have already taken place for the lead time to start.

PRODDICT/HRPDICT/DNRPDICT/CSCPDICT/DHSPDICT/HSLPDICT/SRVPDICT dictionary that contains all production IDD entity occurrences.

Printer authorization - Requesting a new or existing printer be added to or deleted from the IDMS tables.

Production

is the mode of operation which supports the activity of the ITD users, excluding test and system test.

QADICT/DRFQDICT/CSCQDICT/DHSQDICT/HRQDICT/ASFADICT

dictionary that contains all Quality AssuranceIDD entity occurrences.

### Rerun

is the repetition of some procedure(s) which had apparently succeeded previously.

### Restart

is the resumption of some procedure(s) which had not completed normally.

**Restructure** - A restructure of a schema record is necessary when data exists on production in a schema record which is being modified to add fields, delete fields, or rearrange fields. A restructure of a record is also needed when pointers are added or removed from a record due to adding or deleting of sets or adding owner pointers to a set etc.

### SCHEMA

That part of the database definition that describes the complete structure of the database, including the names and descriptions of all files, elements, records, sets, and areas. One schema exists per database.

**Schema change** - An addition or change in the definition of a schema area, schema record, schema set, or subschema.

**Security request** - Request to add, delete, or update a Database USERID.

### Software Test

is the mode of operation in which database and computer operating system software is exercised to ensure adequate operation in test and production modes.

### SUBSCHEMA

A program view of the database used at run time and consisting of all or a subset of the data elements, record types, set types, and areas defined in the schema.

### Test

is the mode of operation which supports the development of computer systems for the ITS users.

**TESTDICT/DNRTDICT/DRFTDICT/HSLTDICT/CSCTDICT/DHSTDICT**  
dictionary that contains all Test IDD entity occurrences.

**Unload/reload** - An unload/reload of existing data is required for the following schema changes: Changing the page range of an area or record, changing a record from compressed to uncompressed, changing a record from uncompressed to compressed, reordering a set involving sorted sets and compressed records.

### User

is a person or organization which uses a resource. See also "ITD USER", "IDD USER", "IDMS USER" and "OLQ USER."

] Implementation ]  
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Implementation

This procedure is effective on the date issued or revised.

B(1) This procedure is to be used with other references.

To find a definition, use them in this order:

- I. This document.
- II. IDMS System Software Glossary (TDXX-0110-0786)
- III. CA-IDMS Glossary
- IV. Webster's New Collegiate Dictionary